

CLAIMS

1. A composition for controlling the release of an active material, selected from fragrances, sunscreens, vitamins, drugs, biocides, pest repellents, catalysts and cooling agents, from a cleaning composition, personal care product, household care product or textile treatment composition, comprising a blend of the active material and a waxy silicone material, characterised in that the blend of active material and waxy silicone material is present as the disperse phase of an oil-in-water emulsion comprising a cationic surfactant which is an esterquat quaternary ammonium material containing at least one ester linking group in the quaternary ammonium molecule or a cationic surfactant which is a quaternary ammonium material containing at least two alkyl chains each having at least 12 carbon atoms.
2. A composition according to Claim 1 characterised in that the waxy silicone material is a polysiloxane in which at least 20% of the silicon atoms have an alkyl substituent having 16 to 100 carbon atoms.
3. A composition according to Claim 1 or Claim 2 characterised in that the waxy silicone and the active material are blended with a liquid silicone compatible with the waxy silicone.
4. A composition according to Claim 1 characterised in that the waxy silicone material is a blend of a polysiloxane fluid with an organic wax.
5. A composition according to any of Claims 1 to 4, characterised in that the continuous phase of the said oil-in-water emulsion comprises an aqueous solution of concentration at least 0.1 molar of a salt capable of ionic disassociation in water.

6. A composition according to any of Claims 1 to 5, characterised in that the cationic surfactant is an esterquat quaternary ammonium material containing one, two or three groups of 12 to 22 carbon atoms containing at least one ester linkage, and three, two or one lower molecular weight alkyl groups.
7. A composition according to any of Claims 1 to 6, characterised in that the cationic surfactant is an esterquat quaternary ammonium material containing at least two ester linking groups in the quaternary ammonium molecule.
8. A composition according to any of Claims 1 to 7, characterised in that the cationic surfactant is an esterquat and the emulsion additionally comprises another cationic surfactant which is not an esterquat or a non-ionic surfactant.
9. A process for controlling the release of an active material, selected from fragrances, sunscreens, vitamins, drugs, biocides, pest repellents, catalysts and cooling agents, from a cleaning composition, personal care product, household care product or textile treatment composition by blending the active material and a waxy silicone material before adding the active material to the cleaning composition, personal care product, household care product or textile treatment composition, characterised in that the waxy silicone material and the active material are emulsified with water and a cationic surfactant which is an esterquat quaternary ammonium material containing at least one ester linking group in the quaternary ammonium molecule or a cationic surfactant which is a quaternary ammonium material containing at least two alkyl chains each having at least 12 carbon atoms to form a water-in-oil emulsion.